

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 10, 2003, 23:17:33 ; Search time 362 Seconds

(without alignments)
1276.597 Million cell updates/sec

Title: US-09-257-585-1

Perfect score: 1047

Sequence: 1 gatctgtaaatcatcatat.....atggagcgacgagcgatcc 1047

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 segs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCITUS.COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	39.8	3.8	873	4	US-09-134-001C-1207
2	38.4	3.7	286	4	US-09-220-132-86
3	37.8	3.6	3891	3	US-09-036-315-1
4	37.6	3.6	2058	2	US-08-749-391-1
5	37.6	3.6	2058	3	US-09-390-200-1
6	35.8	3.4	7218	1	US-08-232-463-14
7	35	3.3	5656	4	US-09-410-464-5
8	33.4	3.2	231	4	US-09-134-001C-2025
9	33.4	3.2	1479	4	US-09-134-001C-2010
10	33.8	3.1	2659	3	US-08-749-522-1
11	32.8	3.1	2753	3	US-08-749-522-2
12	32.8	3.1	8868	3	US-08-815-809-7
13	32.8	3.1	19877	2	US-08-16-155B-8
14	32.8	3.1	19877	1	US-09-079-587-8
15	32.8	3.1	1664976	4	US-08-916-421B-1
16	33.6	3.1	432	4	US-09-328-352-1190
17	32.6	3.1	3001	4	US-09-539-33D-221
18	32.6	3.1	1664976	4	US-08-916-421B-1
19	32.6	3.1	1230025	4	US-09-198-452A-1
20	32	3.1	446	3	US-09-097-541-1
21	32	3.1	446	4	US-09-333-214-1
22	32	3.1	500	4	US-09-495-050A-279
23	32	3.1	731	1	US-08-451-405A-2
24	32	3.1	4382	4	US-09-620-312D-281
25	32	3.1	5140	4	US-09-333-214-2
26	32	3.1	202001	4	US-09-734-674-3
27	31.8	3.0	290	3	US-08-617-860B-13

C	28	31.8	3.0	477	4	US-09-107-532A-3599	Sequence 3599, Ap
C	29	31.8	3.0	4526	4	US-09-424-283-7	Sequence 7, Appli
C	30	31.4	3.0	858	1	US-08-126-593A-1	Sequence 1, Appli
C	31	31.4	3.0	858	1	US-08-454-039A-1	Sequence 1, Appli
C	32	31.4	3.0	40000	4	US-09-780-049-18	Sequence 18, Appli
C	33	31.2	3.0	1422	1	US-08-319-704-5	Sequence 5, Appli
C	34	31.2	3.0	2502	1	US-08-062-412B-2	Sequence 2, Appli
C	35	31.2	3.0	3480	4	US-09-331-359-1	Sequence 1, Appli
C	36	31.2	3.0	4185	4	US-09-417-485D-7	Sequence 7, Appli
C	37	31.2	3.0	5852	1	US-07-867-106-2	Sequence 2, Appli
C	38	31.2	3.0	10640	4	US-09-417-485D-5	Sequence 5, Appli
C	39	31.2	3.0	38844	4	US-09-734-675-3	Sequence 3, Appli
C	40	31.2	3.0	116592	4	US-09-818-512-3	Sequence 3, Appli
C	41	31	3.0	537	4	US-09-107-532A-3121	Sequence 3121, Ap
C	42	31	3.0	672	31	US-09-328-352-1948	Sequence 1948, Ap
C	43	31	3.0	825	4	US-09-107-532A-1051	Sequence 1051, Ap
C	44	31	3.0	1020	4	US-09-463-962-1	Sequence 1, Appli
C	45	31	3.0	1717	4	US-09-634-228-6	Sequence 6, Appli

ALIGNMENTS

```
RESULT 1
US-09-134-001C-1207
; Sequence 1207, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Donnette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; FILE REFERENCE: GTC-007
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 1207
; LENGTH: 873
; TYPE: DNA
; ORGANISM: Staphylococcus epidermidis
; US-09-134-001C-1207

Query Match      3.8%; Score 39.8; DB 4; Length 873;
Best Local Similarity 49.8%; Pred. No. 0.042;
Matches 101; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

OY      1 GATCTGTAATTCATATATTTTGGCGCATTTGCTAACCGCCTATTTCTTTTAAA 60
DB      370 GATCAAAAGATTATGACAAATGCCCTTCCTTTGAAAAAATATCATATTCAGACACA 429
OY      61 ATTTCAGATTAGAACGCAATTCATTTGCGCTTCACCAACAAATTCATTCGTCGA 120
DB      430 GCTTTCTTATAGAACCAACATTTGTTCTTACCAATTTCTATATTTAAATTTACTTCA 489
OY      121 AAAGAGATTATTAAGCAGATTGGCATTTTAAATTCATTTTAAAAAATATCATCT 180
DB      490 AAAAGCATTTAGTAAATATTAAGAAACAGGCTTATGAGACTTGAATTCATTCAT 549
OY      181 GCTTTAACCAACCTTTGCCAAG 203
DB      550 GATTTCACGCTCTTAAAGAAAG 572

RESULT 2
US-09-220-132-86
; Sequence 86, Application US/09220132
; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT
```

TITLE OF INVENTION: OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 07334-074001
CURRENT APPLICATION NUMBER: US/09/220.132
CURRENT FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: US 60/079,303
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: US 60/066,821
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 191
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 286
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)...(286)
OTHER INFORMATION: n = A,T,C or G
US-09-220-132-86

Query Match 3.7%; Score 38.4; DB 4; Length 286;
Best Local Similarity 53.8%; Pred. No. 0.07;
Matches 78; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 48 TATCTTTTAAATTTTAAGATTAGACGCAATTCATTTGCGTTACCAATTT 107
DB 26 TAGTTTACTCACTTTTCACACTCAAAACACTTTAAATTTTAAAGCTAAACATTA 85
QY 108 AACATTCGTCGCAAAAGGATTTTAAGCGAAGATTGGCATTTTAAATCCATTTTA 167
DB 86 NACAAATTCATCTTTTAATTTTAAATAATGTTGTGTGTTGTTTCAATGTTTAA 145
QY 168 AAAAAATACATCTGCTTTAACCCAC 192
DB 146 AAAAAAAATCGGCTCGTCCAC 170

RESULT 3
US-09-036-315-1/c
Sequence 1, Application US/09036315
Patent No. 6218523
GENERAL INFORMATION:
APPLICANT: French, Cynthia K.
APPLICANT: Schneider, Patrick A.
APPLICANT: Yamamoto, Karen K.
TITLE OF INVENTION: Prostate Cancer-Specific Marker
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/036,315
FILING DATE: 06-MAR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/047,811
FILING DATE: 15-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,246
FILING DATE: 07-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 018002-000210US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3891 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 151..1425
OTHER INFORMATION: /product= "Repro-PC-1.0"
US-09-036-315-1

Query Match 3.6%; Score 37.8; DB 3; Length 3891;
Best Local Similarity 53.8%; Pred. No. 0.29;
Matches 78; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 48 TATCTTTTAAATTTTAAGATTAGACGCAATTCATTTGCGTTACCAATTT 107
DB 3474 TAGTTTACTCACTTTTCACACTCAAAACACTTTTAATTTTAAAGCTAAACATTA 3415
QY 108 AACATTCGTCGCAAAAGGATTTTAAGCGAAGATTGGCATTTTAAATCCATTTTA 167
DB 3414 TACAAATTCATCTTTTAATTTTAAATAATGTTGTGTGTTTCAATGTTTAA 3355
QY 168 AAAAAATACATCTGCTTTAACCCAC 192
DB 3354 AAAAAAAATCGGCTCGTCCAC 3330

RESULT 4
US-08-749-391-1/c
Sequence 1, Application US/08749391
Patent No. 594867
GENERAL INFORMATION:
APPLICANT: Cheng, Kuo-Joan
APPLICANT: Sellinger, Leonard B.
APPLICANT: Liu, Jin-Hao
APPLICANT: Hu, Youji
APPLICANT: Forsberg, Cecil W.
APPLICANT: Moloney, Maurice M.
TITLE OF INVENTION: A Xylanase Obtained From an
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSER: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder
STATE: Colorado
COUNTRY: USA
ZIP: 80803
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,391
FILING DATE: 13-NOV-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Donna M. Ferber
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 93-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2058 base pairs

TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Neocallimastix patriciarum
STRAIN: 27
IMMEDIATE SOURCE:
LIBRARY: genomic DNA library
CLONE: pNSPX-06
FEATURE:
NAME/KEY: CDS
LOCATION: 301..1755
US-08-749-391-1

Query Match 3.6%; Score 37.6; DB 2; Length 2058;
Best Local Similarity 56.5%; Pred. No. 0.26;
Matches 70; Conservative 0; Mismatches 54; Indels 0; Gaps 0;

QY 2 ATCTGTAATTAACATATTAATTTTGGCGCATTTTGGCTAACCGCCTATCTTTTAAAA 61
DB 2031 ATATTTTATTTTATATATTTTATTTTATTTTATTTTATTTTATTTTATTTTAAAA 1972
QY 62 TTTTACGATTAAGAACGCAATTCATTTGGCTCTACACAATTAACAATTCGCCAA 121
DB 1971 TATTAAATTAATTAATTAATTTGTTTAAATTTTACATTTACGATTAATTAATTAATAAAA 1912
QY 122 AAGA 125
DB 1911 AAAA 1908

RESULT 5
US-09-390-200-1/c
Sequence 1, Application US/09390200
Patent No. 6137032

GENERAL INFORMATION:
APPLICANT: Cheng, Kuo-Joan
APPLICANT: Selinger, Leonard B.
APPLICANT: Liu, Jin-Hao
APPLICANT: Hu, Youji
APPLICANT: Rorsberg, Cecil W.
TITLE OF INVENTION: A Xylanase Obtained From an
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESS: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder
STATE: Colorado
COUNTRY: USA
ZIP: 80803
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/390,200
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/749,391
FILING DATE: 13-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Donna M. Ferber
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 93-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080

TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2058 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Neocallimastix patriciarum
STRAIN: 27
IMMEDIATE SOURCE:
LIBRARY: genomic DNA library
CLONE: pNSPX-06
FEATURE:
NAME/KEY: CDS
LOCATION: 301..1755
US-09-390-200-1

Query Match 3.6%; Score 37.6; DB 3; Length 2058;
Best Local Similarity 56.5%; Pred. No. 0.26;
Matches 70; Conservative 0; Mismatches 54; Indels 0; Gaps 0;

QY 2 ATCTGTAATTAACATATTAATTTTGGCGCATTTTGGCTAACCGCCTATCTTTTAAAA 61
DB 2031 ATATTTTATTTTATATATTTTATTTTATTTTATTTTATTTTATTTTATTTTAAAA 1972
QY 62 TTTTACGATTAAGAACGCAATTCATTTGGCTCTACACAATTAACAATTCGCCAA 121
DB 1971 TATTAAATTAATTAATTAATTTGTTTAAATTTTACATTTACGATTAATTAATTAATAAAA 1912
QY 122 AAGA 125
DB 1911 AAAA 1908

RESULT 6
US-08-232-463-14
Sequence 14, Application US/08232463
Patent No. 5670367

GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESS: Foley & Hardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEO ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: pTZgpt-F15
US-08-232-463-14

Query Match 3.4%; Score 35.8; DB 1; Length 7218;
Best Local Similarity 13.7%; Pred. No. 1.4;

Matches 46; Conservative 136; Mismatches 153; Indels 0; Gaps 0;

QY 386 CTGCTGATGATATATATTAACGAGGCTCCATTACTGCCAGGCGAAGTTATCAATG 445
DB 1203 YY 1262
QY 446 GGACGAGTGTCTCCCTCGCGACACTGATCTTGGAAAGCTAGACAGTCAAC 505
DB 1263 YY 1322
QY 506 TCTCTGCCACATTTTACTCTTTCAAAATTACTCTGCGCTACTGAACTCTCA 565
DB 1323 YY 1382
QY 566 ATTGAAGAGCCCAATGAAGTCCAACTACATTCGCCACCTTATGCGCTTGCGGC 625
DB 1383 YY 1442
QY 626 TTACTTTCCAGACGCAATGCTTGGAAAGATTGATCACTCACTTAATAAGCGGGA 685
DB 1443 TTCTTCACTCTCTTAACTACTTGATGATGATGATGATGATGATGATGATGAT 1502
QY 686 TGTCAACACATATATATCTGCCAATAGGAACGAAG 720
DB 1503 TTTTGAACCTGAATGATGCTGTAGAGCGATG 1537

RESULT 7

US-09-410-464-5/C
Sequence 5, Application US/09410464
Patent No. 6395892
GENERAL INFORMATION:
APPLICANT: Straus et al.
TITLE OF INVENTION: Floral homeotic genes for manipulation of flowering in
TITLE OF INVENTION: floral and other plant species.
FILE REFERENCE: 53375
CURRENT APPLICATION NUMBER: US/09/410,464
CURRENT FILING DATE: 1999-10-01
EARLIER APPLICATION NUMBER: 09/287,700
EARLIER FILING DATE: 1999-04-06
EARLIER APPLICATION NUMBER: 60/080,851
EARLIER FILING DATE: 1998-04-06
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 5656
TYPE: DNA
ORGANISM: Populus balsamifera subsp. trichocarpa
US-09-410-464-5

Query Match 3.3%; Score 35; DB 4; Length 5656;
Best Local Similarity 51.6%; Pred. No. 2.2;

Matches 80; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

QY 21 TTATTTTGGCGCATTTGCTAACGCGCTATTTTAAATTTTAAAGATTAAAGACGC 80
DB 4175 TTCTTAGACACAGCTTTGTTTGTAAATATTTTGAAGAAAAATTTTAAATTTT 4116

QY 81 AATCAATTTGGGTTCTACACAAATTAACATTCGTCAAAAGAGTATTTAAGCGAG 140
DB 4115 ATTTTACGATTTTATATATTTATTTATTTATTTATTTATTTATTTATTTAT 4056
QY 141 ATTTGCAATTTTAAATTCATTTTAAAAATA 175
DB 4055 AAAAAATATTTTAAATATTTCTTAATTTAAAAA 4021

RESULT 8

US-09-134-001C-2025/C
Sequence 2025, Application US/09134001C
Patent No. 6380370
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 2025
LENGTH: 231
TYPE: DNA
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-2025

Query Match 3.2%; Score 33.4; DB 4; Length 231;
Best Local Similarity 51.7%; Pred. No. 1.9;

Matches 76; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

QY 34 TTTTGCTACCGCTATCTTTTAAATTTTAACGATTAAAGCAATTCATTTTGC 93
DB 200 TTTTCAACCAATGTTCTTTGTCATTTTAAAGTTAATCATCATTTGCAATTTT 141
QY 94 GTTCTACAAATTAACATTCGTCAAAAGAGTATTTAAGGAATTTGGCATTTT 153
DB 140 GTTAAACGACAAATTCATTTCTAATTCATTAATTTGAAAAATTTAATACAAA 81
QY 154 TTAATCATTTTAAAAAATACATCT 180
DB 80 ATATTTTGTCTTCTCAATTAATCTCT 54

RESULT 9

US-09-134-001C-2010
Sequence 2010, Application US/09134001C
Patent No. 6380370
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 2010
LENGTH: 1479
TYPE: DNA
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-2010

Query Match 3.2%; Score 33.4; DB 4; Length 1479;
Best Local Similarity 51.7%; Pred. No. 3.9;

Matches 76; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

QY 34 TTTTGTACCGGCTATCTTTTAAATTTTAAAGCATTTAGACGCAATTCATTTTGC 93
DB 715 TTTTCTAACCAATTTGTTTGTTCATTTTAAATTAATTCATTCATTTTGCATTTT 774
QY 94 GTTCTACACAAATTAATTCATTTGTCACAAAGAGTATTTAAGGAGATTGGCATTTT 153
DB 775 GTTAAACGCAATTTACATTTTCAATTCATTTTAAATTTGAATTTTAAACAA 834
QY 154 TTAATCCATTTTAAATAATACATCT 180
DB 835 AATTTTGTTCATCAATTCATCTCT 861

RESULT 10
US-08-749-522-1/c
; Sequence 1, Application US/08749522
; Patent No. 6096950
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal
; TITLE OF INVENTION: FIBER-SPECIFIC PROMOTERS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: WI
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,522
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 670513.90244
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2659 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-749-522-1

Query Match
Best Local Similarity 3.1%; Score 32.8; DB 3; Length 2659;
Matches 70; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 49 ATTCTTTTAAATTTTAAAGCATTTTAAAGCAATTCATTTTGCCTTACACAAATTA 108
DB 1326 ATACAAATTTAAATGTTAATATTTTAAATTAATTAATTAATTAATTAATTAATTA 1267
QY 109 ACAATTCGTCACAAAGAGTATTTAAGCAAGATTGGCATTTTAAATTCATTTTAA 168
DB 1266 GTTAATTATGAAATTTAATTTTAAATAAATAATTAATTAATTAATTCCTCAACTTAT 1207
QY 169 AAAAATACATCT 180
DB 1206 AAAAAAATTAAT 1195

RESULT 11

US-08-749-522-2/c
; Sequence 2, Application US/08749522
; Patent No. 6096950
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal
; TITLE OF INVENTION: FIBER-SPECIFIC PROMOTERS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: WI
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,522
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 670513.90244
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2755 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-749-522-2

Query Match
Best Local Similarity 3.1%; Score 32.8; DB 3; Length 2755;
Matches 70; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 49 ATTCTTTTAAATTTTAAAGCATTTTAAAGCAATTCATTTTGCCTTACACAAATTA 108
DB 1423 ATACAAATTTAAATGTTAATATTTTAAATTAATTAATTAATTAATTAATTAATTA 1364
QY 109 ACAATTCGTCACAAAGAGTATTTAAGCAAGATTGGCATTTTAAATTCATTTTAA 168
DB 1363 GTTAATTATGAAATTTAATTTTAAATAAATAATTAATTAATTAATTCCTCAACTTAT 1304
QY 169 AAAAATACATCT 180
DB 1303 AAAAAAATTAAT 1292

RESULT 12
US-08-815-809-7
; Sequence 7, Application US/08815809
; Patent No. 6004777
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, James
; APPLICANT: GOEBEL, Scott J.
; APPLICANT: COX, William I.
; APPLICANT: GETTIG, Russell R.
; APPLICANT: PINCUS, Steven E.
; APPLICANT: PROLETTI, Enzo
; APPLICANT: JACOBS, Bertiam I.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND METHODS OF
; FILE REFERENCE: 454310-3010
; CURRENT APPLICATION NUMBER: US/08/815,809
; CURRENT FILING DATE: 1997-03-12

NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 7
LENGTH: 8868
TYPE: DNA
ORGANISM: Vaccinia virus
US-08-815-809-7

Query Match 3.1%; Score 32.8; DB 3; Length 8868;
Best Local Similarity 56.5%; Pred. No. 12;
Matches 61; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

Qy 15 ATATATTTATTTGGCGCATTTTGGCTAACCCTATCTTTTAAATTTTACGATTAA 74
Db 2134 ATATATTTATTTTGAAGATGATGTTAACTATGATCGTTTGAATGATGATGATTA 2193
Qy 75 GAAGCAATTCATTTTGGCTTCTACACAATTAACATTCGTCGCAA 122
Db 2194 GAAGCAATTCATTCAGAACGTGCTATGATTAATATCTACGTTCTATA 2241

RESULT 13

US-08-816-155B-8
Sequence 8, Application US/08816155B
Patent No. 5990091

GENERAL INFORMATION:
APPLICANT: TARTAGLIA, JAMES
APPLICANT: COX, WILLIAM I.
APPLICANT: GETTIG, RUSSELL R.
APPLICANT: MARTINEZ, HECTOR
APPLICANT: PAOLETTI, ENZO
APPLICANT: PINCUS, STEVEN E.
TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
METHODS OF MAKING AND USING THEREOF
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESSES:
ADDRESSES: FROMMER LAWRENCE & HAUG LLP
STREET: 745 FIFTH AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10151

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,155B
FILING DATE: 12-MAR-1997

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: KOMALSKI, THOMAS J.
REGISTRATION NUMBER: 32,147
REFERENCE/DOCKET NUMBER: 454310-2990
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-588-0800
TELEFAX: 212-588-0500

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19877 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-816-155B-8

Query Match 3.1%; Score 32.8; DB 2; Length 19877;
Best Local Similarity 56.5%; Pred. No. 16;
Matches 61; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

Qy 15 ATATATTTATTTGGCGCATTTTGGCTAACCCTATCTTTTAAATTTTACGATTAA 74
Db 2134 ATATATTTATTTTGAAGATGATGTTAACTATGATCGTTTGAATGATGATGATTA 2193

Db 2148 ATATATTTATTTTGAAGATGATGTTAACTATGATCGTTTGAATGATGATGATTA 2207
Qy 75 GAAGCAATTCATTTTGGCTTCTACACAATTAACATTCGTCGCAA 122
Db 2208 GAAGCAATTCATTCAGAACGTGCTATGATTAATATCTACGTTCTATA 2255

RESULT 14
US-09-079-587-8
Sequence 8, Application US/09079587
Patent No. 6130066

GENERAL INFORMATION:
APPLICANT: TARTAGLIA, JAMES
APPLICANT: COX, WILLIAM I.
APPLICANT: GETTIG, RUSSELL R.
APPLICANT: MARTINEZ, HECTOR
APPLICANT: PAOLETTI, ENZO
APPLICANT: PINCUS, STEVEN E.
TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
METHODS OF MAKING AND USING THEREOF
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESSES:
ADDRESSES: FROMMER LAWRENCE & HAUG LLP
STREET: 745 FIFTH AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10151

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/079,587
FILING DATE: 12-MAR-1997

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/816,155
FILING DATE: 12-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: KOMALSKI, THOMAS J.
REGISTRATION NUMBER: 32,147
REFERENCE/DOCKET NUMBER: 454310-2990
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-588-0800
TELEFAX: 212-588-0500

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19877 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-079-587-8

Query Match 3.1%; Score 32.8; DB 3; Length 19877;
Best Local Similarity 56.5%; Pred. No. 16;
Matches 61; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

Qy 15 ATATATTTATTTGGCGCATTTTGGCTAACCCTATCTTTTAAATTTTACGATTAA 74
Db 2148 ATATATTTATTTTGAAGATGATGTTAACTATGATCGTTTGAATGATGATGATTA 2207
Qy 75 GAAGCAATTCATTTTGGCTTCTACACAATTAACATTCGTCGCAA 122
Db 2208 GAAGCAATTCATTCAGAACGTGCTATGATTAATATCTACGTTCTATA 2255

RESULT 15
US-08-916-421B-1/C
Sequence 1, Application US/08916421B
Patent No. 6503729

GENERAL INFORMATION:
APPLICANT: Bull et al.
TITLE OF INVENTION: Complete Genome Sequence of the Methanogenic Archaeon, Methanococcus
Patent No. 6503729
FILE REFERENCE: PB275
CURRENT APPLICATION NUMBER: US/08/916,421B
CURRENT FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: US 60/024,428
PRIOR FILING DATE: 1996-08-22
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 1664976
TYPE: DNA
ORGANISM: Methanococcus jannaschii
FEATURE:
NAME/KEY: misc feature
LOCATION: (28222)..(28222)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (28257)..(28258)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (84773)..(84773)
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LOCATION: (84808)..(84808)
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NAME/KEY: misc feature
LOCATION: (84812)..(84812)
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NAME/KEY: misc feature
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OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (148948)..(148948)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (163385)..(163385)
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NAME/KEY: misc feature
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NAME/KEY: misc feature
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NAME/KEY: misc feature
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NAME/KEY: misc feature
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OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (312993)..(312993)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (319226)..(319226)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (559167)..(559167)
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NAME/KEY: misc feature
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NAME/KEY: misc feature
LOCATION: (600992)..(600992)
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NAME/KEY: misc feature
LOCATION: (622708)..(622708)
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NAME/KEY: misc feature
LOCATION: (657081)..(657081)
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NAME/KEY: misc feature
LOCATION: (657203)..(657203)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (674435)..(674435)
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NAME/KEY: misc feature
LOCATION: (682442)..(682442)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (713652)..(713652)
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NAME/KEY: misc feature
LOCATION: (741684)..(741684)
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NAME/KEY: misc feature
LOCATION: (779455)..(779455)
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NAME/KEY: misc feature
LOCATION: (779676)..(779676)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (855539)..(855539)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (871619)..(871619)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1084830)..(1084830)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1096846)..(1096846)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1119881)..(1119881)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1130881)..(1130881)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1310988)..(1310988)
OTHER INFORMATION: n equals a, t, c, or g

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NAME/KEY: misc feature
LOCATION: (1313224)..(1313224)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1349473)..(1349473)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1349491)..(1349491)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1470091)..(1470091)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1569020)..(1569020)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1602912)..(1602912)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1603734)..(1603734)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1637998)..(1637998)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc feature
LOCATION: (1664854)..(1664854)
OTHER INFORMATION: n equals a, t, c, or g
US-08-916-421B-1
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Query Match 3.1%; Score 32.8; DB 4; Length 1664976;
Best Local Similarity 58.0%; Pred. No. 74;

Matches 58; Conservative 0; Mismatches 42; Indels 0; Gaps 0;

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QY 76 AACGCAATTCATTTTGGCTTCAACAAATTAACAATTCGTCACAAAGAGTATTAAAG 135
    |||||
Db 506947 AAGGCTATTGGAAGATTCATTAATTAATCAACAAAAAACCAAGATTGTATTGAA 506888
    |||||

QY 136 CGAAGATTGGCATTTTTCATTCATTTTAAAAATA 175
    |||||
Db 506887 AGAGCAATTGGCTTTTATTATACCATTAATTAATGA 506848
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Job time : 372 secs